

Shortly after admission, one scruple of chloral-hydrate, dissolved in three ounces of water, was given by the mouth, but was rejected ; it was therefore determined to administer that drug subcutaneously at once. At 4 o'clock p.m., six grains of chloral, dissolved in sixty minims of water, were injected into the substance of the left deltoid muscle in the following manner : As the hypodermic syringe employed held only twenty minims, containing two grains of chloral, the point of the cannula was passed through the skin and into the muscle perpendicularly for about the depth of one inch ; the syringe was then emptied, and the cannula was withdrawn until its point reached the areolar tissue, but was not withdrawn through the skin. It was then thrust in a slanting direction at about an angle of forty-five degrees into another portion of the muscle. The cylinder of the syringe was then unscrewed, filled with twenty minims of the solution, screwed on to the cannula, and again emptied. The point was then plunged into the muscle in an opposite direction, and twenty more minims injected. By these means sixty drops of the solution were injected into three different portions of the muscle with only one puncture through the skin, thus lessening the chance of irritation of the cutaneous nerves. These details are given thus minutely, as a strict attention to them is considered a very essential part of the method of treatment recommended.

Observations were taken with the clinical thermometer in the axilla every twenty minutes. Half an hour after the first operation, sixty more minims of the solution were put into the deltoid muscle of the right arm in the manner described above. The temperature in the axilla now began to rise steadily.—By 6 o'clock, eighteen grains of chloral in 180 minims of water had been injected through three cutaneous punctures, and the thermometer registered 97.8 degs. Fahr. The cramps had ceased by this time, and the vomiting was much less. Some serous evacuations had been passed.—At 7 o'clock, she passed a small quantity of urine. Four grains more chloral were injected into a muscle, the left pectoral.—At 8 o'clock, the temperature was 98 degs. Fahr.—Soon after 9 o'clock, she had a motion of serum